

Amendments to the Claims:

The following listing of claims replaces all previous versions and listings of claims:

1-26. (Canceled)

27. (New) A non-fray medical bandage, comprising:

a warp knitted substrate comprising chain stitches constructed from fiberglass yarns and an inlay stitch constructed from inelastic low modulus polymeric yarn; and

a reactive system applied to the substrate, wherein the reactive system remains stable in moisture-free conditions and cures upon exposure to moisture;

wherein the substrate has an extensibility greater in the lengthwise direction than in the widthwise direction.

28. (New) The bandage according to claim 27, wherein the fiberglass yarns constitute between 75-95% of the total weight of the substrate.

29. (New) The bandage according to claim 27, wherein the polymeric yarn is selected from the group consisting of: polypropylene, polyester, nylon and polyethylene.

30. (New) The bandage according to claim 27, wherein the fiberglass yarns are "E" glass fibers in a count range of 34-136 decitex.

31. (New) The bandage according to claim 27, wherein the polymeric yarn has a count range of 78-220 decitex.

32. (New) The bandage according to claim 27, wherein the substrate weighs between 120-170 grams per square meter.
33. (New) The bandage according to claim 27, further comprising a tubular wrapping constructed from hydrophobic fiber substantially encasing the substrate.
34. (New) A non-fray medical bandage, comprising:
- a warp knitted substrate comprising chain stitches constructed from fiberglass yarns and an inlay stitch constructed from inelastic low modulus polymeric yarn;
 - a reactive system applied to the substrate, wherein the reactive system remains stable in moisture-free conditions and cures upon exposure to moisture; and
 - a tubular wrapping constructed from hydrophobic fiber substantially encasing the substrate;
- wherein the substrate has an extensibility greater in the lengthwise direction than in the widthwise direction.
35. (New) The bandage according to claim 34, wherein the polymeric yarn is selected from the group consisting of: polypropylene, polyester, nylon and polyethylene.